

HUNGARY/Human and Animal Morphology (Normal
and Pathological). Nervous System.
Peripheral Nervous System.

S-2

Abs Jour: Ref Zhur-Biol., No 16, 1953, 74319

Author : Csillik, Bertalan; Savay, Gyula
Inst : GIVEN BELOW
Title : Microscopic Localization of Potassium in
Myelinated Nerve Fibers.

Orig Pub: Kiserl. orvostud., 1957, 9, No 2, 151-158

Abstract: It was histochemically determined that almost
all potassium is located in myelinated nerve
fibers in the region of Ranvier's crosses; in
the myelin sheath, only separate particles of
potassium sediment were discovered. By micro-
incineration, the greater part of the ashes

INST : Szegedi Orvostudományi Egyetem Bonctani, valamint Szövet-es Fejlődéstai
Card : 1/2 Intezet.

HUNGARY/Human and Animal Morphology (Normal
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Abs Jour: Ref Zhur-Biol., No 16, 1958, 74319

was discovered in the region of the crosses.
The localization of potassium is firmly con-
nected with the functional state of myelina-
ted nerve fibers. With hyperstimulation and
with damage of fibers at low T⁰, the amount
of potassium in the nerve fibers diminishes.
-- A. N. Ivancev

CsILLIK, B. 2009

EXCERPTA MEDICA Sec 2 Vol 12/7 Physiology July 59

3008. REGENERATION OF THE SUBNEURAL APPARATUS OF THE MOTOR

END-PLATE - Die Regeneration der subneuronalen Apparate der motorischen Endplatten - Csillik B. and Sárvay Gy. Inst. für Anat., Histol. und Embryol., Med. Univ., Szeged - ACTA NEUROVEG. (Wien) 1958, 19/1-2 (41-52) illus. 15

The regeneration of the subneural apparatus (SNA) in rats was examined by a combined method using mercaptoacetic acid (thiolacetic acid) for cholinesterase and silver impregnation for axis cylinders. When the SNA is still relatively intact, regeneration takes place simply by ingrowth of the nerve fibres into the apparatus. When the SNA is destroyed, no nerve fibres are seen running to its remnants. Rings showing strong ChE activity are seen in the neighbourhood of the degenerated SNA. These rings form new SNA, while nerve fibres run into them.

Bethlem - Amsterdam

CSILLIK, B.; SPASSOVA, J.

On the combined use of the Crevier-Bellanger method with the Gros method. Dokl. bolg. akad. nauk 15 no.6:685-688 '62.

1. Note présentée par D. Kadanov.

(SYNAPSES)

(CHOLINESTERASE)

CSILLIK, B.; FOLDI, M.; SCHNEIDER, I.; VARGA, L.; JOO, F.

Histochemical and histophysical changes in the liver following experimental lymph congestion. Acta med. acad. sci. hung. 18 no.4: 399-403 '62.

1. Department of Anatomy (Director: Prof. A. Gellert) and Second
Department of Medicine (Director: Prof. M. Foldi), University
Medical School, Szeged.
(LIVER) (CHOLINESTERASE) (SUCCINATE DEHYDROGENASE)
(LYMPHATIC SYSTEM)

HUNGARY

CSILLIK, Bertalan; Medical University of Szeged, Institutes of Anatomy and of Histology and Embryology (Szegedi Orvostudományi Egyetem Anatómiai, valamint Szövet- és Fejlődéstani Intézete).

"The Molecular Biological Aspects of the Conduction of Stimulus."

Budapest, A Magyar Tudományos Akadémia Biológiai Tudományok Osztályának Közleményei, Vol VI, No 1-2, 1963, pages 157-160.

Abstract: The main components of the neuron are mentioned by the author and the more significant biological theories on the conduction of stimulus are listed. The chemical and histological structure, and characteristics of perikaryon, axon, myelin, and their mode of functioning are discussed. The mechanism of the synaptic transmission of stimulus and the structural changes during this process are described briefly. The article was presented at the meeting of molecular biologists in Tihany, Hungary. No references.

CSILLIK, B.; JOO, F.; JUHASZ, K.; KALMAN, Gy; KASA, P.; SAVAY, Gy.

On the effect of denervation on the submicroscopic structure of the postsynaptic membrane in the myoneural junction. Acta morph. acad. sci. Hung. 12 no.2:211-226 '63.

1. Anatomisch-Histologisches Institut (Vorstand: Prof. Dr. A. Gellert) der Medizinischen Universität Szeged.
(MYONEURAL JUNCTION) (SCIATIC NERVE)
(SYNAPSES) (NERVE ENDINGS)
(ACETYLCHOLINE) (CHOLINESTERASE)
(HISTOCHEMISTRY) (MICROSCOPY)

HUNGARY

TOMITY, Ilona, CSILLIK, Bertalan; Medical University of Szeged, Institutes of Anatomy, and Histology and Embryology (Szegedi Orvostudományi Egyetem, Bonctani, valamint Szövet- és Fejlődéstan Intézet).

"The Effect of Freezing on the Submicroscopic Structure of the Myelin Sheet."

Budapest, Kiserletes Orvostudomány, Vol XV, No 5, Oct 63, pages 539-545.

Abstract: [Authors' Hungarian summary] The submicroscopic structural organization of the myelin sheet of nerve fibers is significantly damaged by freezing with dry ice. The original, normal organization is restored within a few hours, in vivo, if an intact blood supply is present for the nerve. The "unit membrane" of Robertson, that is, the 75 Å thick elemental lipoprotein membrane constituting the cell membrane and the cell organelles, possesses a dynamic, energy-requiring molecular organization. 1 Hungarian, 9 Western references.

1/1

TOMITY, Ilona; CSILLIK, B.

Submicroscopic alterations of myelin sheath ultrastructure due to low temperature. Acta morph. acad. sci. Hung. 12 no.4: 387-394 '64

1. Department of Anatomy and Histology, University Medical School (Director: Prof. A. Geller), Szeged.

CSILLIK, B.; JOO, F.; KASA, P.; TOMITY, Ilona; KALMAN, Gy.

Development of acetylcholinesterase-active structures in the
rat archicerebellar cortex. Acta biol. acad. sci. Hung. 15
no.1:11-17 '64.

1. Department of Anatomy, Medical University, Szeged (Head:
A. Gellert).

CSILLIK, B.; SAVAY, G.

The effect of nerve degeneration and regeneration on the calcium-release in the post-junctional cytoplasm of the motor end-plate. Acta physiol. acad. sci. Hung. 26 no.4: 337-342 '65

1. Department of Pharmacology, University of Pennsylvania, Philadelphia, Pa, U.S.A. and Department of Anatomy, University Medical School, Szeged, Hungary.

CSILLIK, B.; JOO, F.

Cholinesterase, arylesterase and the structural basis of neuro-humoral transmission in the central nervous system. Acta biol. acad. sci. Hung. 16 no.2:185-205 '65.

1. Department of Anatomy, Medical University, Szeged (Head: A. Gellert). Submitted May 4, 1965.

HUNGARY

BENKO, Sandor, Dr, CSILLIK, Bertalan, Dr, JOO, Ferenc, Dr, KAISER, Gabriella, Dr, BIRO, Andras, Dr; Medical University of Szeged, I. Medical Clinic (director: JULESZ, Miklos, Dr) and Blood Processing Station (in charge: GAL, Gyorgy, Dr) (Szegedi Orvostudományi Egyetem, I. Belgyógyászati Klinika, és Verkonzerváló Allomás), and Jozsef Attila University of Szeged, Faculty of Natural Sciences, Electronmicroscopic Laboratory (in charge: CSILLIK, Bertalan, Dr) (Szegedi Jozsef Attila Tudományegyetem, Természettudomány Kar, Elektronmikroszkop-Laboratorium).

"Electronmicroscopic Study of Hemagglutination Produced with Iodized Coombs Serum (Preliminary Communication)."

Budapest, Orvosi Hetilap, Vol 107, No 44, 30 Oct 66, pages 2075-2076.

Abstract: [Authors' Hungarian summary] Antihuman-globulin rabbit serum was labelled with normal iodine according to the method of Boursnell, Coombs and Rizk, and the serum thus produced was used for the agglutination of erythrocytes sensitized with anti-D-globulin. The agglutinated erythrocytes were examined under an electronmicroscope. The binding of iodine-labelled immunoglobulins was indicated by electron dense plaques of 500-1000 Å size at the surface membrane of the erythrocytes. The immune reaction was demonstrated quite visibly in form of electron shadows produced by the high atomic number (I) of the labelled antibody. All 9 references are Western.

1/1

S/194/62/000/004/039/105
D201/D308

AUTHOR: Csillingh, Dezső

TITLE: A mercury rectifier cathode arrangement with a damper

PERIODICAL: Referativnyy zhurnal, Avtomatika i radioelektronika, no. 4, 1962, abstract 4-3-71a (Hung. pat. cl. 21g, 1-16, no. 147362, 15.08.60)

TEXT: It is proposed to localize the cathode spot of a mercury rectifier by covering the mercury cathode with a damper-filter, cooling the mercury vapor. The damper may consist of balls, made of a thermally stable, insulating or conducting material non-combining with mercury, the specific gravity of which may be either smaller or greater than that of mercury. In the latter case mercury fills the spacing between the cooling balls. The use of a damper, while not necessitating the redesign of the rectifier, improves the cooling of the envelope and presents the formation of high-velocity vapor flow. A rectifier of this type, being insensitive to vibrations, may be successfully used in electric locomotives. /-Abstracter's note: Complete translation._/

Card 1/1

OSZTROVSZKY, Gyorgy; Schiller, Janos; PALFI, Laszlo, okleveles villamosmernok; BOZSIK, Ferenc; GYORI, Attila, okleveles villamosmernok, foenergetikus; VARGA, Endre, okleveles gepeszmernok; TURAN, Gyorgy, okleveles gepeszmernok; SZENDY, Karoly, dr., fokonstruktor; KOVACS, Ferenc, okleveles villamosmernok; CSILY, Jenő, fodispecser; BEREZNAY, Frigyes, fomernok; PALOS, Ferenc, okleveles mernok; FILARSZKY, Zoltan, okleveles gepeszmernok; NEMETH, Imre, okleveles villamosmernok, fomernok; ALPAR, Imre, okleveles gepeszmernok, foenergetikus; GATI, Geza, okleveles villamosmernok; BEKE, Gyula, okleveles gepeszmernok; VISNYOV-SZKY, Endre, foelado; VERKITS, Gyorgy, okleveles villamosmernok, fomernok; FUTO, Istvan, oklevels gepeszmernok; NAGY, Karoly; PIKLER, Ferenc; SZEPESSY, Sandor, okleveles gepeszmernok; NADAY, Zoltan, okleveles gepeszmernok, fotechnologus; BUCHHOLCZ, Janos, okleveles gepeszmernok, fomernok

An account of the 11th itinerant meeting of the Hungarian Electro-technical Association held in Pecs, July 18-20, 1963. Energia es atom 16 no.12:559 D '63.

(Continued on next card)

CSIMA, Ferenc

Questions on the function of special rooms and installations in hospitals. Magy ep ipar 10 no.7:283-288 '61.

OLIMMA, Janos

Experiences in introducing electric traction at the Miskolc railroad enginehouse. Vasut 14 no.8:1-3 Ag '64.

CSINADY, Erno, dr., egyetemi docens (Debrecen)

The significance of Apaczai in Hungary's geographical
literature as well as education. Földr. közl. 8 no.2:159-195
'60.

GSINADY, Gero, dr.

History of the Russian and Chinese expeditions of Jeno Zichy
in a new light. Foldr kozl ll no.1:37-49 '63.

CSINADY, Gero, dr.

"Africa" by Jozsef Futo. Reviewed by Gero Csinyady. Foldr
kozl 12 no.2:170-171 '64.

CSINADY, Gero, dr.

In memory of the 200-year-old Gergely Berzeviczy, 1763-1822.
Foldr kozl 12 no.3:280-281 '64.

COINADY, J.

11/11

The biological effect of aktedron. José Canódy and Zoltán Duner. *Orvosi Hetilap* 82, 22-8 (1938). — Caffeine sodium benzoate (0.2 g.) and 0.3 g. aktedron (benzedrine phosphate) were administered on successive days. Physical well being and some forms of mental activity were increased, but work requiring mental concn. was retarded. S. S. de Fendly

ASD-514 METALLURGICAL LITERATURE CLASSIFICATION

CSINADY, Jeno.; ARNOTI, Tibor.; MALOMSOKI, Jeno.

Investigations of the nervous system in ping-pong players.
Kiserletes orvostud 7 no.4:397-403 July 55.

1. Orszagos Testnevelési es Sportegeszsegügyi Intezet Kutatolaborato-
riuma.

(NERVOUS SYSTEM, physiology,
in ping-pong players)
(ATHLETICS, physiology,
ping-pong players nervous system)

CSINK, I.

Acromioclavicular luxation. Acta med. hung. 10 no.4:435-443 1957.

1. I. Chirurgische Klinik der medizinischen Universität, Szeged.
(SHOULDER, disloc.
acromioclavicular, conservative ther. & surg. (Ger))

BORSAY, J.; CSIPAK, J.

Cryotherapy of experimental abscesses. Orv. hetil., Budap. 92 no.37:
1198-1200 16 Sept 1951.
(GLWL 21:2)

1. Doctors. 2. Surgical Clinic (Director — Prof. Dr. Gyula Jaki),
Szeged University.

PETRI, G.;CSIPAK, J.;KOVACS, A.;BENTZIK, M.
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Data on the pathology of pyogenic inflammation. I. The role of histamine in pyogenic inflammation and the effect of antihistaminics on its course. Acta med. hung. 3 no.3:347-368 1952. (CIML 23:4)

1. Of the First Department of Surgery and of the Institute of Pharmacology of Szeged University.

PETRI, G.; CSIPAK, J.; KOVACS, A.; BENTZIX, M.

Data on the pathology of pyogenic inflammation. II. The effect of the antihistamine substance of the leukocytes on pyogenic inflammation. Acta med. hung. 3 no.3:361-368 1952. (CML 23:4)

1. Of the First Department of Surgery and of the Institute of Pharmacology of Szeged University. 2. Experimental leucocytosis produced by subcutaneous injection of formaline.

CSIPAK, J.; NEMETH, A.; SCULTETI, S.

Etiological role of hyperergia in acute hematogenous osteomyelitis.
Kiserletes orvostud. 6 no.6:521-526 Nov 54.

1. Szegedi Orvostudományi Egyetem I. sz. Sebészeti Klinikája.
(OSTEOMYELITIS, exper.
role of hyperergic tissue reaction in rabbits)
(ALLERGY, exper.
hyperergic reaction, etiol. role in exper. osteomyelitis
in rabbits)

CSINADY, J.

Dr. Veress Elemer, 1876-1959. Kiserletes Orvostudomány 11 no.4:337-339
August 1959.
(OBITUARIES)

CSINCSURA, Kalman, dr.; KALMAN, Eva, dr.; MILCH, Hedda, dr.

Enteritis secondary to staphylococcal diseases of the respiratory tract. Orv. hetil. 103 no.9:403-404 Mr '62.

1. Fovarosí Heim Pál Gyermekkorház és Országos Kózegeészségügyi Intézet.

(RESPIRATORY TRACT INFECTIONS microbiol)

(ENTERITIS microbiol) (STAPHYLOCOCCAL INFECTIONS)

~~LORANT~~ ~~CSINK~~ ~~CSINK~~ ~~Lorant~~
CSINK LORANT

Acromioclavicular dislocations. Magy. sebeszet 10 no.4:218-224 Aug 57.

1. A Szegedi Orvostudományi Egyetem I. sz. Sebeszeti Klinikájának
közleménye. Igazgató: Jaki Gyula dr. egyetemi tanár.

(SHOULDER, disloc.

acromioclavicular, x-ray diag. & surg. (Hun))

CSINK, Lorand, dr.; SOVENYI, Ervin, dr.

Giant-cell tumor (osteoclastoma) of the patella. Magy.sebeszet
13 no.1:67-69 F '60.

1. A Szegedi Orvostudományi Egyetem I. sz. Sebészeti Klinikájának
(Igazgató: Petri Gábor dr. egyetemi tanár) és Röntgen Klinikájának
(Igazgató: Szenes Tibor dr. egyetemi tanár) közleménye.
(GIANT CELL TUMORS case reports)
(PATELLA neopl)

CSINK, Lorant, dr.

Post-Cholecystectomy syndrome. Orv. hetil. 101 no.22:757-762
29 My '60.

1. Szegedi Orvostudományi Egyetem, I. sz. Sebészeti Klinika.
(CHOLECYSTECTOMY compl.)

CSINK, Lorant, dr. CZIPOTT, Zoltan, dr.; ROVO, Istvan, dr.

Statistical evaluation of injured agricultural workers based
on the 3-year patient material. Nepegeessugugy 45 no.5:184-185
My'64.

1. Kozlemený a szegedi I. sz. Sebészeti Klinikáról (Igazgató:
Petri, Gabor, dr. egyetemi tanár).

Pharmacology and Toxicology

HUNGARY

CSINK, Lorant, Dr. SOMOGYI, Istvan, Dr. CSANDA, Endre, Dr. Medical University of Szeged, I. Surgical Clinic (director: PETRI, Gabor, Dr, professor) and Neurological Clinic (director: HUSZAK, Istvan, Dr, professor) (Szegedi Orvostudományi Egyetem, I. sz. Sebészeti Klinika és Ideg Klinika).

"Experiences With the Use of Reparil in the Treatment of Patients With Skull Injury."

Budapest, Magyar Traumatologia, Orthopaedia és Helyreállítás Sebészeti, Vol X, No 1, Feb 67, pages 35-43.

Abstract: [Authors' English summary modified] The results of Reparil (Dr. Madaus Co., K81n) therapy given to 40 patients with skull injury are reported. In the opinion of the authors, Reparil has an elective cerebral effect. The compound has a favorable effect both on the disturbance in consciousness and on the subjective symptoms. Two cases are presented in which Reparil therapy was used with success in the treatment of cerebral embolism following cardiac catheterization. 2 Hungarian, 11 Western references.

CSINOS, Jozsef

An eventful aviation day in Kecsked. Repules 15 no.7:15 J1
'62.

CSINOS, Jozsef

Contest of girl parachutists. Repules 15 no.10:7 0 '62.

EXCERPTA MEDICA Sec.9 Vol.11/5 Surgery May 1957
CSIPAK J. I.

2195. (451) CSIPAK J. I. Chir. Klin., Szegeder Med. Univ., Szeged. *Beiträge zur Behandlung der akuten hämatogenen Osteomyelitis. The treatment of acute haematogenous osteomyelitis ZBL.CHIR. 1956, 81/21 (839-844) illus. 4

In the treatment of acute haematogenous osteomyelitis, antihistamine, which was used on theoretical grounds, proved practically effective. On the one hand, the preparation inhibits the course of the hyperergic tissue reactions, on the other hand it abolishes the coagulase production of the pathological agents. This prevents tissue necrosis, thrombosis of the small vessels of the surrounding areas, and focus formation, i.e., the localization of the process. The preparation should, of course, be administered in combination with antibiotics. Histamine-azoprotein has given good results in the alleviation of pain in patients with chronic osteomyelitis.

TARJAN, Pongracz, dr.; CSIPAK, Zsuzsanna, dr.; BARATH, Jeno, dr.

New trends in the treatment of hypertension. II. Experimental investigations on two new Hungarian preparations; Hexamethonium, N. 310. Orv. hetil. 96 no.17:468-471 24 Apr 55.

1. A Janos korhas (igazgato: Bakacs, Tibor dr.) Hypertonia Osztalyanak (foorvos: Barath, Jeno dr.) kozlensege.

(HYPERTENSION, experimental,

eff. of hexamethonium & ganglion blocking agent
N 310.)

(AUTONOMIC DRUGS, effects,

ganglion blocking agent: N 310 on exper. hypertension.)

(MUSCLE RELAXANTS, effects,

hexamethonium on exper. hypertension.)

TEMESVARI, Antal, dr.: LONYAY, Tihamer, dr.; TARJAN, Pongracz, dr.;
CSIPAK, Zsuzsanna, dr.

Replacement of the resected aortic isthmus with a plastic
graft. Orv.hetil. 100 no.42:1516-1517 0 '59.

1. Az orszagos Kardiológiai Intezet (igazgato: Gottsegen
Gyorgy dr.) Sebészeti Osztályának (főorvos: Temesvari Antal
dr.) és a Fovárosi Janos Korház (igazgato: Tako Jozsef dr.)
Hypertonia Osztályának (főorvos: Barath Jenő dr.) közleménye.
(AORTA surg)

CSIPKES, Erno (Budapest, X., Pongrac ut 17)

The other side of technical development. Musz elet 20 no.6:
7 25 Mr '65.

CSIPO, Dezzo

Railroad vehicles; latest development of railroad traction vehicles in the Soviet Union. Jarmu mezo gep 9 no.1:37-38 Ja '62.

CSASZAR, Akos; ERDOS, Pal; TURAN, Pal; KARTESZI, Ferenc; FRIED, Ervin;
WIEGANDT, Richard; CSIPSZER, Janos; KALMAR, Laszlo; KONCZ, Karoly;
MAJTHAY, Antal ; BOGDAN, Zoltan; HAJNA, Janos; HETYEI, Gabor;
SURANYI, Janos

Mathematical problems. Mat lapok 14 no.1/2:163-169 '63.

1. "Matematikai Lapok" felelos szerkesztoje (for Turan). 2. "Matematikai Lapok" szerkeszto bizottsagi tagja (for Kalmar),

HUNGARY

ROZGONYI, Ferenc, Dr, VALENTA, Borbala, BRATOVICS, Ilona, CSIRE, Bela;
Medical University of Debrecen, Institute of Microbiology (director: VACZI,
Lajos, Dr) (Debreceni Orvostudományi Egyetem, Mikrobiológiai Intézet).

"Sensitivity of 'Polyresistant' Microorganisms Toward the More Recent Anti-
biotics. Changes in the Antibiotic Resistance of the More Important Pathogenic
Bacteria Isolated From a Clinical Study Material Between 1962-65."

Budapest, Orvosi Hetilap, Vol 108, No 8, 19 Feb 67, pages 337-342.

Abstract: [Authors' Hungarian summary modified] The study led to the following
observations. 1) During the past 4 years, the greatest increase in resistance
occurred against terramycin. The per cent increases were: from 46 to 66 in
E. coli, from 57 to 69 in Klebsiella, from 60 to 89 in Ps. pyocyanea, from
46 to 69 in Staph. aureus and from 55 to 71 in Strept. faecalis. At the same
time, there was a considerable increase in the chlorocid-resistant strains of
E. coli, Klebsiella and B. proteus. 2) There was a slight decrease in the
occurrence of polymyxin, streptomycin and chlorocid-resistant strains of Staph.
aureus and in the polymyxin and chlorocid-resistant strains of Strept. faecalis.
3) Among the older, widely used antibiotics, polymyxin and streptomycin are the
most effective against E. coli, Klebsiella and Ps. pyocyanea; chlorocid and
streptomycin against B. proteus; erythromycin, streptomycin and chlorocid against
Staph. aureus; and erythromycin and chlorocid against Strept. faecalis. 4)
In the past 4 years, there was a further increase in the ratio of "polyresistant"
1/2

HUNGARY

Budapest, Orvosi Hetilap, Vol 108, No 8, 19 Feb 67, pages 337-342.

strains such as: E. coli from 7 to 15%, Klebsiella from 10 to 20%, Proteus from 34 to 50%, Ps. pyocyanea from 20 to 27% Staph. from 15 to 21% and Strept. faecalis from 4 to 11%. 5) When tested against oleandomycin, biomycin, furadantine, vancomycin, kanamycin and methicillin, the "polyresistant" E. coli, Klebsiella and B. proteus strains were most sensitive to kanamycin and furadantine while the "polyresistant" Strept. faecalis and Staph. aureus strains responded best to furadantine, vancomycin and kanamycin. Sensitivity to as little as 3 microgram/disk of methicillin was present in 45% of the "poly-resistant" Staph. strains. 27 Eastern European, 29 Western references.

2/2

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HUNGARY / Farm Animals. Swine

Q-4

· Abs Jour: Ref Zhur-Biol., No 3, 1958, 12134

Author : Csire Jajos

Inst :

Title : The Problem of Supplying the Protein Need and Its Effect on the Quality of Carcass in the Fattening of Swine (Problema pokrytiya potrebnosti v belke i vliyaniye ego na kachestvo tushi pri otkorme sviney)

Orig Pub: Magyar tud. akad. agrartud. oszt. kozl., 1956, 10, No 1-4, 113-117

Abstract: Hungarian White hogs (VBS) were fattened from 40 to 150 kg. and those of the Mangalitza breed (M) - from 32 to 140 kg. All hogs were fed rations consisting of 47% corn, 30% barley, 10% bran, 8% sunflower cake blour and 5% peas. The results of the tests conducted showed that the said vegetative

Card 1/3

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HUNGARY / Farm Animals. Swine

· Abs Jour: Ref Zhur-Biol., No 3, 1958, 12134

Abstract: rations cannot supply the need in protein. In another test, carried out with 15 young pigs VBS at the time when the animals weighed 26 to 60 kg., the latter were fed ad libitum a feed mixture composed of 55% corn, 40% barley, 5% bran, as well as defatted milk 1.7 to 3 liters daily. During the period of fattening from 60 to 97 kg., the amount of carbohydrates in one subgroup was considerably diminished while in another one the rations were left unchanged. The slaughtering of animals after they had attained the weight of 95-100 kg. has shown that the first subgroup gave better less fatty bacon. It is also to be said that in the first subgroup, as compared with the second one, 47% more carcasses were classified as grade A and B. In the first subgroup, only 7.2% carcasses were classified as inferior grade C, where-

Card 2/3

HUNGARY / Farm Animals. Swine

Q-4

Abs Jour: Ref Zhur-Biol., No 3, 1958, 12134

Abstract: as in the second one - 26.7%. By changing the composition of rations according to the different stages of fattening, it was possible to improve the quality of the bacon of VBS.

Card 3/3

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CSIRIK, Janos, okl. villamosmernok

New rival of charging generator. Auto motor 14 no.13:13-14 J1 '61.

1. Jarmufejlesztési Intezet kutatomernoke,

CSIRE, L.

"More fat hogs of better quality through cross-breeding", p.161
(TERMESZET ES TECHNIKA, Vol. 112, no. 3, Mar. 1953, Budapest.)

SO: Monthly List of East European Accessions, Vol. 2, #8, Library of
Congress, Aug. 1953, Uncl.

CSIRE, L.

"Crossbreeding Pigs in Order to Produce Useful Animals", P. 169,
(AGRARTUDOMANY, Vol. 6, No. 6, June 1954, Budapest, Hungary)

SO: Monthly List of East European Accessions, (EEAL), LC, Vol. 3, No. 12,
Dec. 1954, Uncl.

CSIRE, L.

HUNGARY/Farm Animals. The Swine

Q-4

Abs Jour : Ref Zhur - Biol., No 11, 1958, No 50045

Author : Kertesz, Ferenc; Horvath, Laszlo; Osiro, Lajos

Inst : -

Title : Protein Requirements of Mangalica Berkshire Crossbreeds

Orig Pub : Alltanyeszes, 1956, 5, No 4, 317-324

Abstract : Differences of protein content were investigated in experimental fattening of crossbreeds whose live weight was up to 143-146 kg. It was established that when crossbreeds were fattened up to a level of 110 kg, somewhat more protein was required than was for Mangalica breeds.

Cerd : 1/1

CSIRE, L.

Correct composition of feeding rations in rapid fattening. p. 20. (Magyar Mezogazdasag, Vol. 11, no. 5, Mar. 1956 Budapest)

SO: Monthly List of East European Accession (EEAL) LC, Vol. 6, no. 7, July 1957. Uncl.

CSIRE, L.

CSIRE, L. A short time for fattening means a saving in fodder. p. 20

Vol. 11, no. 8, Apr. 1956

MAGYAR MEZOGAZDASAG

AGRICULTURE

Budapest, Hungary

So: East European Accession, Vol. 6, No. 3, March 1957

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Vol. 11, no. 10, May 1956

MAGYAR MEZGAZDASAG

AGRICULTURE

Budapest

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1. Schweinezuchtteilung des Forschungsinstituts fur Tierzucht,
Budapest.
(Hungary--Swine) (Proteins)

CSIRE, Lajos

HUNGARY

Animal Husbandry Research Institute, Department
of Swine Breeding (Allattenyesztesi Kutatointezet
Sertestenyesztesi Osztalya), Budapest

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"The Possibility of Replacing Barley with Corn in
Feeding Bacon Pigs. Part I. The Effect of Cornfeeding
on Fattening Animals and on the Consistency of the
Cuts of the Meat."

Co-author:

Mrs. FARKAS, Bela, Animal Husbandry Research Institute,
Central Laboratory (Allattenyesztesi Kutatointezet
Kozponti Laboratoriuma), Budapest.

CSIRE, Lajos

HUNGARY

Animal Husbandry Research Institute, Department of
Swine Breeding (Allattenyesztesi Kutatointezet
Sertestenyesztesi Osztalya), Budapest

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"The Possibility of Replacing Barley With Corn in
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feeding on the Quality of Meat and Bacon."

Co-authors:

HOLDAS, Sandor, Animal Husbandry Research Institute,
Department of Swine Breeding, Budapest
Mrs. FARKAS, Bela, Animal Husbandry Research Institute,
Central Laboratory (Allattenyesztesi Kutatointezet
Kozponti Laboratoriuma) Budapest

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1. Research Institute of Plastics Industry, Budapest (for
Varadi). 2. Institute of Chemical Physics, Academy of
Sciences of the U.S.S.R., Moscow (for Cvetkova and Csirkov).

VARADI, Jozsef; CVETKOVA, V.I. [TSvetkova, V.I.]; CSIRKOV, N.M. [Chirkov, N.M.]

Examination of the $TiCl_4-Et_2AlCl$ catalyst system, determination of the catalytic activity of the formed products in the polymerization of ethylene. Pt. 4. Magyar kémiai folyóirat 71 no.3:136-139 Mr '65.

1. Research Institute of Plastics Industry, Budapest (for Varadi). 2. Institute of Chemical Physics of the Academy of Sciences of the U.S.S.R. (for TSvetkova and Chirkov).

CSIRMAZ, Janos

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Mat kut kozl MTA 7 Ser.A no.1/2:159-180 '62.

CSISZAR, I.

On the dimension and entropy of order α of the mixture of probability distributions. Acta mat Hung 13 no.3/4:245-255 '62.

1. Mathematical Institute, Hungarian Academy of Sciences, Budapest.
Presented by A. Renyi.

CSISZAR, Imre

An inequality from the point of view of the information theory and its application in proving the ergodic character of Markov chains. Mat kut kozl MTA 8 A series no.1/2:85-108 '63.

1. "A Magyar Tudományos Akademia Matematikai Kutato Intezetenek Kozlemenyei" technikai szerkesztoje, Budapest, V., Realtanoda u. 13/15.

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Structural development of cupola furnaces. Pt. 2. Ipari energia
3 no.12:266-270 D '62.

CSIRIK, Janos, okl. villamosmernok

Let us be acquainted with the new rival of charging generators.
Auto motor 14 no. 9:11-12 My '61.

1. Jarmufejlesztési Intezet kutatómesternoke.

CSIRSZKA, János

SURNAME (in caps); Given Names

Country: Hungary

Academic Degrees: Dr

Affiliation: [not given]

Source: Budapest, Magyar Pszichológiai Szemle, Vol 18, No 3, 1961,
pp 387.

Data: [Bookreview] The Analysis of Work.

Authors: OMBREDANE, A., FAVERGE, J.M.

Publisher: Presses Universitaires de France, Paris, 1955

HUNGARY

CSIRSZKA, Janos, Ph. D., of the Work Psychology Group of the Ministry of Labor (Munkaugyi Miniszterium Munkalelektani Csoport) [location not given].

"Report on the Study Tour in Czechoslovakia"

Budapest, Magyar Pszichologiai Szemle, Vol 19, No 3, 1962, pp. 352-358.

Abstract: This article is a report on the author's study trip to Czechoslovakia, sponsored by the Psychological Committee of the Hungarian Academy of Sciences (Magyar Tudomanyos Akademia Pszichologiai Bizottsaga). The trip started 11 Oct 1961 and ended 1 Nov 1961. Studied were facilities dealing with vocational guidance, work psychology, and clinical psychology. Many of the methods studied were found desirable for implementation in Hungary. No references.

CSIRSZKA, Janos, dr.

An account of a study tour of Czechoslovakia. Magyar pszichol
szemle 19 no.3:352-358 '62.

1. Mum Munkalelektani Csoport.

CSIRSZKA, Janos, dr.

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Reviewed by Janos Csirszka. Magyar pszichol szemle 19 no.3:
384-385 '62.

SZALAI, Sándor, dr., akadémikus; HORVATH, László Gábor, dr.; FODOR, Márk, dr.; ILLYES, Gyulane; CSIRSZKA, János, dr.; SANDELHAUSEN, Miklós, dr.; RETI, László, dr.; SEVERINI, Erzsébet, dr.; PERCZEL, József, dr.

Discussion. Magyar pszichológiai szemle 17 no.3:296-317 '60.

1. Magyar Tudományos Akadémia Közelekedéstudományi Főosztályának tagja (for Horvath).

CSIRSZKA, Janos

"Psychology of labor safety" by [Dr] Istvan Balint and Mihaly Muranyi. Reviewed by Janos Csirszka. Magyar pszichol szemle 17 no.3:366-367. '60.

CSIRSZKA, Janos, dr.

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CSIRSZKA, János, dr.

Puberty and choice of vocation. Magyar pszichol szemle
17 no.4:395-397 '60.

1. Munkaugyi Ministerium Modszertani Intezetének
Munkalelektani Csoportja (Vezetője Dr. Csirszka János),
Budapest, XIII., Vaci ut 107.

CSIRSZKA, Janos, dr.

"Clinical examination in psychology" by Andre Rey. Reviewed by Janos Csirszka. Magyar pszichol szemle 17 no.4:468 '60.

1. Munkaugyi Miniszterium Modszertani Intezetének Munkalelektani Csoportja vezetője, Budapest, XIII., Vaci ut 107.

CSIRSZKA, Janos, dr.

"Work physiology and work organization" by [Dr] Jozsef Tatar.
Reviewed by Janos Csirszka. Magyar pszichol szemle 17 no.4:469
'60.

1. Munkaugyi Miniszterium Modszertani Intezetének Munkalelktani
Csoportja vezetője, Budapest, XIII., Vaci ut 107.

CSIRSZKA, Janos, dr.

"Economy of learning" by J. Riechert. Reviewed by Janos Csirszka. Magy pszichol szemle 18 no.1:101 '61.

1. Munkaugyi Miniszterium Modszertani Intezetének Munkalelektani Csoportja vezetője, Budapest, XIII., Vaci ut 107.

CSIRSZKA, Janos, dr.

"Work analysis" by A. Ombredane, J.M.Paverge. Reviewed by Janos Csirszka. Magyar pszichol szemle 18 no.3:387 '61.

CSIRSZKA, Janos, dr.

"Aptitude and fitness in automotive transportation" by [Dr]
Laszlo Gabor Horvath. Reviewed by Janos Csirszka. Magyar
pszichol szemle 18 no.4:468-471 '61.

CSIRSZKA, Janos, dr.

Frequency of motives in the choice of vocations in Budapest and Baranya and Csongrad Counties. Magy pszichol szemle 19 no.1:22-32 '62.

1. Munkaugyi Miniszterium Palyavalasztasi Tanacsado Kozpontja vezetoje.

CSIRSZKA, Janos, dr.

"Projective methods" by D. Anzieu. Reviewed by Janos Csirszka.
Magy pszichol szemle 20 no.1:163-164 '63.

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HORVATH, Laszlo, Gabor, dr.; P.LIEBERMANN, Lucy; PERCZEL, Jozsef, dr.;
LENARD, Ferenc, dr.; CSIRSZKA, Janos, dr.; SEVERINI, Erzsebet, dr.;
KARDOS, Lajos, dr.

The 1962 work of the Committee on Psychology, Hungarian Academy of
Sciences. Magy pszichol szemle 20 no.3:337-386 '63.

1. Magyar Tudomanyos Akademia Pszichologiai Bizottsaga elnoke;
"Magyar Pszichologiai Szemle" foszerkesztoje (for Gegesi Kiss).
2. "Magyar Pszichologiai Szemle" szerkeszto bizottsagi tagja
(for Horanyi, Bartha, Horvath, P.Liebermann, Lenard and Kardos).

CSIRSZKA, Janos, dr.

Studying the attitude of girls before their high school graduation exercises by sentence completion tests. Magyar pszichol szemle 21 no. 2:189-200 '64.

1. Head, Group of Work Psychology, Ministry of Labor, Budapest.

CSIRSZKA, Janos, dr.

Sublimation, operotropism and self-consciousness in
vocational guidance. Magyar pszichol szemle 21 no.3:458-461 '64.

1. Group of Work Psychology of the Ministry of Labor, Budapest.

HUNGARY

CSIRSZKA, Janos, Dr., Csepel Iron and Metal Works (Csepel Vas- es
Fennuvek) in Budapest.

"Career Adaptation"

Budapest, Magyar Pszichologiai Szemle, Vol 23, No 1-2, 1966, pp 130-133.

Abstract: In his lecture presented at the 15th International Congress on Applied Psychology, held in Ljubljana, Yugoslavia, during Aug 1964, the author discussed the selection of and adaptation to a career on the basis of counseling experience. A schematic system for the psychological factors involved in the adaptation to a career was discussed. The principal factors involved are the characteristics of the job function (profile, emotional character, and dynamism) and the characteristics of the person (abilities, personal inclination, motivation, etc.). The development aspect (i.e., the progress in adaptation to the career) is also of utmost significance. The development has the learning stage, the adaptation stage, and the mature stage. No references.

1/1

CS152AR, B.

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Colorimetric determination of minute amounts of titanium-iv
in the presence of great quantities of iron (iii). P. Szatvas and H.
Csizsar (Acta chim. hung., 1955, 7, 403-410).--A method is described
for the determination of Ti^{IV} (several $\mu g./ml.$) in the presence
of Fe^{III} (several $mg./ml.$). The method involves the spectro-
photometric examination of an acid solution of the Tiron complex
of Ti in the presence of Complexone III at pH 5-6. The method
can be used for solutions containing up to $160 \mu g./ml.$ of Ti .
C. A. SLATER.

2

Colorimetric determination of minute amounts of titanium
IV in the presence of great quantities of iron. III. PSI
Hung. *Magyar Kémiai Folyóirat* 61, 22-4 (1953).—Identical aliquots are transferred into 25-ml. measuring flasks (samples should be 5.0N in respect to H_2SO_4 and should contain about 3-10% mg./ml. of $Ti(IV)$ and 0-10 mg./ml. of $Fe(III)$). One flask is treated with 5 ml. of 1% soln. of iron, shaken, 5 ml. of a 0.05M soln. of complexon III, 10 ml. of 1.0M NaOAc added, complemented with water. To the other flask, only complexon III and NaOAc is added and made up to vol. The two liquids are measured against each other in a Pulfrich photometer by using 1-cm. cuvette and filter S 42. Extinctions read are independent of the concn. of iron(III), being solely a function of the concn. of $Ti(IV)$ ions. The optimal pH of the detn. is 5.6.

István Fialdy

①

BECK, Mihaly T., dr. (Szeged, Beloiannisz ter 7); CSISZAR, Bela (Debrecen)

Stability of aminopolycarboxylic acid-hydrogen peroxide
mixed complexes. I. Acta chimica Hung 32 no.1:1-7 '62.

1. Institute of Inorganic and Analytical Chemistry, University
of Szeged (for Beck). 2. Institute of Inorganic and Analytical
Chemistry, L. Kossuth University (for Csiszar).

Csiazar. B

BECK, Mihaly; CSISZAR, Bela

Stability of amino-polycarbonic acid - hydrogen peroxide
mixed compounds. I. Stability of Fe(III)-1,2-diaminocyclo-
hexanetetraacetic acid - H_2O_2 complex. Magyar kémiai folyóirat
66 no. 7: 219-262 J1 '60.

1. Szegedi Tudományegyetem Szervetlen és Analitikai Kémiai
Intézete és Kossuth Lajos Tudományegyetem Szervetlen és
Analitikai Kémiai Intézete, Debrecen.

BECK, Mihaly; CSISZAR, Bela; SZARVAS, Pal

Examination of complex forming characteristics of oxycarbonic acids.Pt.2. Magy kem folyoir 70 no.5:217-219 My '64.

1. Chair of Inorganic and Analytic Chemistry, Lajos Kossuth University, Debrecen and Reaction Kinetics Research Group, Hungarian Academy of Sciences, Szeged.

CSISZAR, Bela; HALMOS, Miklos; BECK, Mihaly; SZARVAS, Pal

Examination of complex forming characteristics of oxycarbonic acids.
Pt.1. Magy kem folyoir 70 no.5:214-216 My '64.

1. Chair of Inorganic and Analytic Chemistry, Lajos Kossuth
University, Debrecen, Reaction Kinetics Research Group of the
Hungarian Academy of Sciences and Chair of Organic Chemistry, Attila
Jozsef University, Szeged.

SIRIOPOL, T.; VASILIU, Vasile, correspondent; CSISZAR, D., correspondent

The plan was carried out ahead of time. Constr Buc 16
no.769:1 3 Oct '64

1. The Galati Branch of the Voluntary Editorial Office of
"Constructorul" (for Siriopol).

DOGARU, Ion, tehnician; CSISZAR, Dezideriu, corespondent; RUSU, Ladislau, corespondent; SZILAGYI, Gh., corespondent; NACIU, Iacob, corespondent; VACARIU, Nicolaie, corespondent; BALAN, A., corespondent; HOTUPAN, Fl., corespondent; BARBALATA, St., corespondent; AVASILOAIEI, Filaret, corespondent,

With the annual plan carried out. Constr Buc 16:1 19 D '64.

CSISZAR, Gyorgy

New conveying chain railway in the Dinamo Factory. Elektrotechnika
54 no.6:272 Je '61.

HEMATOLOGY

HUNGARY

SIPOS, Jozsef, Dr., and CSISZAR, Gusztav, Dr., Hospital of Jaras Fehergyarmat, Department of Internal Medicine, (Fehergyarmati Jarasi Tanacs Korhaza, Belgyogyaszati Osztaly [location not given], and Hospital of Jaras Mateszalka, Department of Internal Medicine (Mateszalkai Jarasi Tanacs Koshaza, Belgyogyaszati Osztaly) in Mateszalka.

"On 'Phase' Changes in Hemoblastoses"

Budapest, Orvosi Hetilap, Vol 107, No 24, 12 Jun 1966, pp 1133-1135.

Abstract: Ninety cases involving panmyelopathia following the administration of Rheopyrin (90 g.) were discussed. In the final stage the disease developed into a syndrome resembling acute leukemia. A case in which lymphoid leukemia showed in its course of disease and in the histological findings symptoms similar to lymphosarcoma was described. The importance of the drug in the morphological changes involved was stressed. 24 references, including 11 Hungarian, 6 German, and 7 Western.

1/1

S/044/62/000/004/092/099
C111/C222

AUTHOR: Csiszár, I.

TITLE: Some remarks on the dimension and entropy of random variables

PERIODICAL: Referativnyy zhurnal, Matematika, no. 4, 1962, 41-42,
abstract 4V244. ("2ème congr. math. hongrois, Budapest, 1960".
Budapest, 1961, IV/4-7)

TEXT: The author follows Renyi and designates as the dimension of
the random variable ξ the limit

$$d(\xi) = \lim_{n \rightarrow \infty} \frac{H_0(\xi_n)}{\log n}$$

(the existence of the limit is known), where $H_0(\xi_n)$ is the entropy of
the discrete random variable $\xi_n = \frac{1}{n} \lceil n \xi \rceil$:

$$H_0(\xi_n) = \sum_{k=-\infty}^{\infty} p_{nk} \log \frac{1}{p_{nk}} ; p_{nk} = P(\xi_n = \frac{k}{n}) = P(\frac{k}{n} \leq \xi < \frac{k+1}{n}).$$

Card 1/3

Some remarks on the dimension...

S/044/62/000/004/092/099
C111/C222

The author designates the limit

$$H_d(\xi) = \lim_{n \rightarrow \infty} (H_0(\xi_n) - d \log n),$$

as far as it exists and is finite, as the d-dimensional entropy of the random variable ξ . Under the assumption that $H_0(\xi_1) = H_0([\xi]) < +\infty$ it is proven: ✓

- 1) $\lim_{n \rightarrow \infty} (H_0(\xi_n) - \log n)$ exists and is either finite or equal to $-\infty$.
- 2) If the distribution of the random variable ξ is not absolutely continuous, then $\lim_{n \rightarrow \infty} (H_0(\xi_n) - \log n) = -\infty$.
3. If the distribution of the random variable ξ is absolutely continuous with the density $f(x)$, then

$$\lim_{n \rightarrow \infty} (H_0(\xi_n) - \log n) = \int_{-\infty}^{\infty} f(x) \log \frac{1}{f(x)} dx = I$$

(I may be finite or infinite). From the truth of this statement, it follows that: 1) a necessary and sufficient condition for the absolute continuity of the distribution of ξ cannot be given with the help of the asymptotic behavior of $H_0(\xi_n)$; 2) the single-dimensional entropy of ξ

Card 2/3

Some remarks on the dimension...

S/044/62/000/004/092/099
C111/C222

exists if, and only if, the distribution of ξ is absolutely continuous and I is finite. The last result improves the result of Renyi, who had only proven that this condition is sufficient.

[Abstracter's note: Complete translation.]

↓

Card 3/3

CSISZAR, I. (Budapest)

Some remarks on the dimension and entropy of random variables. Acta mat
Hung 12 no.3/4:399-408 '61.

1. Presented by Alfred Renyi.